



Patitioner's Docket No. GRAIN01-04

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: 5,751,421  
Issued: May 12, 1998  
Name of Patentee: Pioneer Hi-Bred International, Inc.

Title of Invention: Near Infrared Spectrometer Used In Combination With a Combine for Real Time Grain Analysis

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8 (a)

The undersigned certifies that this document is being placed in the United States mail with sufficient first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, Attention: Certificate of Correction Branch, on the 14<sup>th</sup> day of January, 2002.

*Jacqueline Cordeiro*  
Jacqueline Cordeiro

Commissioner for Patents  
Washington, D.C. 20231

ATTENTION: Decision and Certificate of Correction  
Branch of the Patent Issue Division

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR APPLICANT'S MISTAKE (37 C.F.R. section 1.323)

1. It is noted that an error appears in this patent of a clerical nature or character, as more fully described below. It occurred in good faith. Correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination. A certificate of correction is requested.
2. Attached hereto, in duplicate, is Form PTO-1050, with at least one copy being suitable for printing.
3. The exact page and line number where the error occurs in the application file are:

At Column 3, Line 39, replace "analyses" with "analyzes". At Column 5, Line 24, replace "effects" with "affects". At Column 8, Line 51, replace "apparatus" with "method". At Column 8, Line 58, replace "apparatus" with "method". At Column 8, Line 61, replace "apparatus" with "method".

02/15/2002 MAHME2 00000115 200675 5751421

01 FC:145 100.00 CH

~~02/13/2002 MAHME2 00000080 200675 5571421~~

~~01 FC:145 100.00 CH~~

Adjustment date: 02/15/2002 MAHME2  
~~02/13/2002 MAHME2 00000080 200675 5571421~~  
~~01 FC:145 100.00 CH~~

4. Please send the Certificate to:

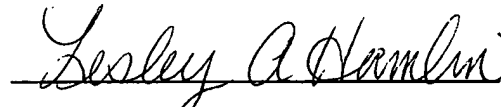
Lesley A. Hamlin  
Textron Systems Corporation  
201 Lowell Street  
Wilmington, MA 01887

5. Please pay the fee of \$100.00, as required by 37 C.F.R. section 1.20(a), as follows:

Charge Deposit Account 200675 the sum of \$100.00. A duplicate of this request is attached.

6. Per an assignment executed on October 22, 2001, Textron Systems Corporation is the assignee of full interest of the above-referenced patent. A copy of the assignment is included herewith. On November 19, 2001, the original assignment was sent to Commissioner for Patents, Box Assignments, Washington, D.C. 20231 for recordation. The undersigned is the attorney of record of the above-referenced patent.

Date: 1/14/02



Lesley A. Hamlin  
Registration No. 41,054  
Attorney for Assignee/Owner  
Textron Systems Corporation  
201 Lowell Street  
Wilmington, MA 01887  
978-657-1168

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 5,751,421

DATED : May 12, 1998

INVENTOR(S) : STEVEN L. WRIGHT, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Col. 3, line 39  
replace "ANALYSES"  
with --ANALYZES--.

Col. 5, line 24  
replace "EFFECTS"  
with --AFFECTS--.

Col. 8, line 51  
replace "APPARATUS"  
with --METHOD--.

Col. 8, line 58  
replace "APPARATUS"  
with --METHOD--.

Col. 8, line 61  
replace "APPARATUS"  
with --METHOD--.

MAILING ADDRESS OF SENDER:  
TEXTRON SYSTEMS CORPORATION  
201 LOWELL STREET  
WILMINGTON, MA 01887

PATENT NO. 5,751,421

No. of additional copies

1 > 2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 5,751,421

DATED : May 12, 1998

INVENTOR(S) : STEVEN L. WRIGHT, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Col. 3, line 39

replace "ANALYSES"  
with --ANALYZES--.

Col. 5, line 24

replace "EFFECTS"  
with --AFFECTS--.

Col. 8, line 51

replace "APPARATUS"  
with --METHOD--.

Col. 8, line 58

replace "APPARATUS"  
with --METHOD--.

Col. 8, line 61

replace "APPARATUS"  
with --METHOD--.

MAILING ADDRESS OF SENDER:  
TEXTRON SYSTEMS CORPORATION  
201 LOWELL STREET  
WILMINGTON, MA 01887

PATENT NO. 5,751,421

No. of additional copies

1 > 2

**COPY**

ATTACHMENT A

**ASSIGNMENT**

WHEREAS, Pioneer Hi-Bred Int'l, Inc., an Iowa corporation having offices at 800 Capital Square, 400 Locust Street, Des Moines, Iowa, 50306 ("PIONEER"), owns, by assignment, all right, title, and interest in: US patent nos.: 5,751,421; 5,991,025; U.S. patent application serial nos.: 09/309,157; 09/075,614; 08/807,661; PCT application nos.: PCT/US98/05105; PCT/US99/10195; European patent publication nos.: 1078246; 1063878; and, Canadian patent application nos.: 2,331,865; 2,334,400 and any invention claimed therein; and Textron Systems Corporation, a Delaware corporation having offices at 201 Lowell Street, Wilmington, Massachusetts 01887 ("TEXTRON"), desires to own PIONEER's entire right, title, and interest in and to the invention, in all countries throughout the world, and in and to each of the foregoing patents and applications.

NOW THEREFORE, be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, PIONEER hereby sells, assigns, transfers, and sets over to TEXTRON, its lawful successors and assigns, PIONEER's entire right, title, and interest in and to U.S. patent nos. 5,751,421 and 5,991,025 the inventions claimed therein, any other patent applications directed to the invention including U.S. patent application serial nos. 09/309,157; 09/075,614; 08/807,661 and all Letters Patent of the United States that may be granted thereon, and all reissues, reexaminations, and extensions thereof; and all rights to claim priority on the basis of such applications, and all applications for Letters Patent that may be filed for the inventions in any foreign country including PCT application nos. PCT/US/98/05105; PCT/US99/10195 and all Letters Patent that may be granted on the inventions in any foreign country including EP patent publication nos. 1078246; 1063878 and Canadian patent application nos. 2,331,865; 2,334,400, and all extensions, renewals, and reissues thereof; and PIONEER hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to TEXTRON, its successors and assigns, in accordance with the terms of this Assignment;

AND, PIONEER HEREBY further covenants that PIONEER has the full right to convey the interest assigned by this Assignment, PIONEER will take all action and execute all documents necessary to perfect the interest assigned hereby, and PIONEER has not executed and will not execute any agreement in conflict with this Assignment;

AND, PIONEER HEREBY further covenants and agrees that PIONEER, through its officers and employees, will, without further consideration, communicate with TEXTRON, its successors and assigns, any facts known to PIONEER and its officers and employees respecting the invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in said TEXTRON, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths, and generally do everything possible to aid TEXTRON, its successors and assigns, to obtain and enforce proper patent protection for the invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by TEXTRON, its successors and assigns.

IN TESTIMONY WHEREOF, each party has caused its authorized representative to execute this Assignment.

Pioneer Hi-Bred Int'l, Inc.

Textron Systems Corporation

By James E. Miller

By Robert P. Buckley

Date 10-15-01

Date 10-22-01